W·H·ANDERSON
TOOL & SUPPLY CO.
DETROIT MICHIGAN

CONTRACTORS' TOOLS AND EQUIPMENT

1919 CATALOG

BRUSH AND MACOMB STREETS
TELEPHONE CHERRY 5700

EVERYTHING
FOR THE CONTRACTOR

W. H. ANDERSON
TOOL & SUPPLY COMPANY

ESTABLISHED 1871

Contractors' Tools and Equipment

BRUSH AND MACOMB STREETS

LONG DISTANCE PHONES. CHERRY 5700

DETROIT, MICH.

1919 Catalog

W. H. ANDERSON TOOL AND SUPPLY CO., DETROIT, MICHIGAN

Officers and Employees with Five or More Years of Service (March, 1919)

Foreword

THE W. H. ANDERSON TOOL & SUPPLY COMPANY was founded in 1871 by Mr. W. H. Anderson, who held the presidency of the company up to the time of his death, in 1914. On the page opposite you will find reproduction of a photograph of the founder and the present officers of the company, together with photographs of fourteen of the department heads who have served the company continuously for periods ranging from thirty-nine years down to six years.

At the time the business was started, (occupying about 400 square feet of floor space,) the principal business of the company consisted in the manufacture of Stone and Marble Working Hand Tools, which were in much greater demand at that time than they are at present.

From the time of the founding of the business, each year has shown a continuous, healthy, satisfactory growth, until today, in addition to occupying the three-story factory building, at 14-16 Macomb St., owned by the company, they have three additional ware-houses for the storage of contractors' equipment, including a salesroom and offices located at the corner of Brush and Macomb Streets.

Today this company can truthfully claim to be the largest exclusive contractors' supply and equipment house in the State of Michigan handling everything in tools and equipment that might be needed by a contractor, whether it be for the building of a large public building or a small residence, the building of a concrete or gravel highway or city street, a large public sewer or the laying of water mains, the building of street railway system or a transcontinental railway, we can furnish the necessary tools for the purpose.

We believe that the continued growth and the large circle of satisfied customers is ample evidence of our broad gauge policy of insisting that every transaction shall be to the entire satisfaction of the customer regardless of the size or the amount of profit involved in the transaction, and are firm believers in the motto of the international association of Rotary Clubs, which is: "He profits most, who serves best."

W. H. ANDERSON TOOL & SUPPLY CO.

THIS catalogue has been brought out at a rather unusual period, immediately following the great war. It illustrates and describes the general line of goods that we are prepared to furnish, but even though it is incomplete in many respects, it will give the contractor a fair idea of the variety and scope of the goods that are handled by us.

We hope that our customers will, when looking through this catalogue, remember that if the article desired is not illustrated to communicate with us.

We are in a position to make prompt quotations and deliveries on anything that may be desired in tools and equipment used by the contractor.

Customers outside of the city, may at all times feel free to telegraph or telephone us, at our expense, in regard to anything pertaining to tools and equipment, whether they wish to purchase or not.

We desire to be of the greatest possible benefit to the contractors in this section of the United States and believe with the suggestions that we are able to make in regard to anything pertaining to machinery and equipment through our long years of experience in handling this line will be of considerable value to the contractor.

Inquiries by telephone, telegram, mail or personal call are earnestly solicited.

W. H. ANDERSON TOOL & SUPPLY CO.

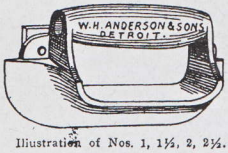


Illustration of Nos. 1, 1½, 2, 2½.

End view, showing adjustable guide

Sidewalk Edgers, Adjustable Guide.

No. 1, 6½" long, flange 1" deep; will finish the edge on a ⅝" circle; has adjustable slide on the back to use on straight edge. Each .....

No. 1½, same size and style as No. 1 except that it is made of cast iron instead of brass. Each.....

No. 2, 7" long, flange 1¼ deep; will finish the edge on a ¾" circle, has adjustable slide in the back to use on straight edge. Each .....

No. 2½, same size and style as No. 2, except that it is made of cast iron instead of brass. Each.....

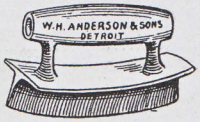


Illustration of Nos. 3 and 4

Sidewalk Edgers, Solid Guide.

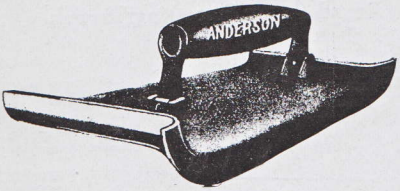
These edgers are made with the rounding edge on one side and a projecting lip on the back to rest on the straight edge if desired. This makes a very handy tool where the regular large edgers cannot be used.

No. 3, ¾" deep, 5" long, will finish an edge to a ⅜" circle Brass Iron

Price, each .....

No. 4, ⅝" deep, 5" long, will finish an edge to a 5/16" circle. Brass Iron

Price, each .....



Brass Iron

No. 2W 8" long, 4" wide.....
1" deep, 1½" radius.

Alphabets and Letters.

These letters are made of brass or iron and are carefully finished. They can be laid on the surface of walk and pressed in with the hand or with a tamp. With one set of letters owner's name can be stamped in walks or names of streets can be stamped at street crossings. Brass Iron

A-1½ Alphabet, A to Z, 1½ in. high, per set.....
A-2 " " " 2 " " " .....
A-3 " " " 3 " " " .....
A-4 " " " 4 " " " .....
A-6 " " " 6 " " " .....
F-1½ Figures, 0-9, 1½ in. high, per set.....
F-2 " " 2 " " " .....
F-3 " " 3 " " " .....
F-4 " " 4 " " " .....
F-6 " " 6 " " " .....

Jointers.

Illustration of Nos. 20 and 21

No. 20, Blade 1½ in. wide, 5 in. long, cuts 5/16 in. deep. Brass Iron

Price, each .....

No. 21, Blade 1½ in. wide, 8 in. long, cuts 5/16 in. deep. Brass Iron

Price, each .....

Illustration of No. 22

No. 22, Blade 1½ in. wide, 5 in. long, will cut 5/16 in. deep, with handle on top as illustrated. Brass Iron

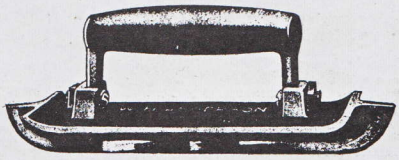
Price, each .....

Illustration of No. 23

No. 23, Blade 1½ in. wide, 7½ in. long, cuts 5/16 in. deep, with handle on top as illustrated. Brass Iron

Price, each .....

Center Knives.



No. 29.

Brass Iron

No. 29, 2½" wide, 7" long, cut ⅜" deep.....
No. 29W, 2½" wide, 7" long, cut 9/16" deep... ..
No. 29D, 2½" wide, 7" long, cut ⅞" deep.....
No. 29DS, 4¼" wide, 7" long, cut 1" deep.....
No. 29, Extra wide, 7" long, cut 1½" deep.....

We can furnish any of the above with one end square if desired at the same price.

Illustration of Nos. 18 and 19

No. 18, 1⅝ in., 6¾ in. long, makes medium cut, ½ in. deep. Brass Iron

Price, each .....

No. 19, 1¾ in., 6½ in. long, makes medium cut, ½ in. deep. Brass Iron

Price, each .....

Center Knives.

Illustration of No. 12
Illustration of Nos. 15, 17, 10, 16 and 11

No. 12, 3 in. wide, 6½ in. long, makes fine cut, ½ in. deep.
Brass Iron
Price, each .....

N. B. Handle of No. 12 same as handle of No. 29.

No. 15, 1½ in. wide, 7 in. long, ⅜ in. deep, coarse cut.
Brass Iron
Price, each .....

No. 17, 1⅝ in. wide, 6¾ in. long, ½ in. deep, medium cut.
Brass Iron
Price, each .....

No. 10, 1¾ in. wide, 7 in. long, 7/16 in. deep, fine cut.
Brass Iron
Price, each .....

No. 16, 2 in. wide, 7 in. long, ⅜ in. deep, coarse cut.
Brass Iron
Price, each .....

No. 11, 2¾ in. wide, 6½ in. long ½ in. deep, medium cut.
Brass Iron
Price, each .....

N. B. No. 16-11 handles same as No. 29.

Driveway Groovers.

Illustration of No. 7

No. 7, 6¾ in. long, will make a groove ⅞ in. round.
Brass Iron
Price, each .....

Illustration of No. 13

No. 13, 2⅝ in. wide, 6½ in. long, will make a half round groove ½ in. wide, ½ in. deep.
Brass Iron
Price, each .....

No. 13 handle same as No. 29.

Illustration of No. 14

No. 14, 3 in. wide, 6½ in. long, will make a V-groove ½ in. deep, ¾ in. wide at top.
Brass Iron
Price, each .....

Driveway Groovers.

Illustration of No. 7

No. 7, 6¾ in. long, will make a groove ⅞ in. round.
Brass Iron
Price, each .....

Illustration of No. 13

No. 13, 2⅝ in. wide, 6½ in. long, will make a half round groove ½ in. wide, ½ in. deep.
Brass Iron
Price, each .....

No. 13 handle same as No. 29.

Illustration of No. 14

No. 14, 3 in. wide, 6½ in. long, will make a V-groove ½ in. deep, ¾ in. wide at top.
Brass Iron
Price, each .....

Round Corner Smoothing Trowels.

Illustration of Nos. 200 and 250

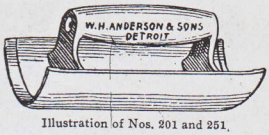


Illustration of Nos. 201 and 251.

No. 200, 7 in. long, made to finish an outside corner to a 2 in. circle.
Brass Iron
Price, each .....

No. 250, 7 in. long, made to finish an ordinary outside corner to a 2½ in. circle.
Brass Iron
Price, each .....

No. 201, 7 in. long, made to finish an inside corner to a 2 in. circle.
Brass Iron
Price, each .....

No. 251, 7 in. long, made to finish an inside corner to a 2½ in. circle.
Brass Iron
Price, each .....

N. B. Handles same as No. 29.

Note: Be sure to specify Brass or Iron on Edgers, Center Knives, Driveway Groovers, Corner Trowels and Rollers.

Impression Stamps.

We show a few designs of Impression Stamps we are making. Special designs made to order. Send sketch of your requirements for price.

Style A.

Iron .....
Brass .....

Style B.

Iron .....
Brass .....

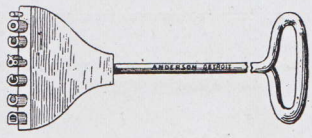
Style C.

Iron .....
Brass .....

Style E.

Iron .....
Brass .....

Cash must accompany all orders for stamps.



Burning Brands.

Size B, 1, Made of Copper, ⅝ in. letter, 3 letters or more, per letter .....
Size B, 2, Made of Copper, ¾ in. letter, 3 letters or more, per letter .....
Size B, I. 3, Made of Iron, ⅝ in. letter, 3 letters or more, per letter .....
Size B. I. 4, Made of Iron, ¾ in. letter, 3 letters or more, per letter .....

We make larger and special designs in Brands and Steel Stamps. Send for prices.

Date Stamp.

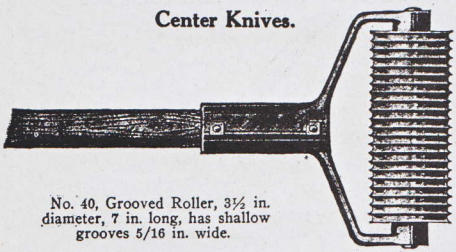
1905. Made of Iron with letters 1 in. high. Price, each...
No. 4, Made of Brass. Price, each.....
We make these for each year.

Radius Tool.

No. 46, For finishing either the inside or outside edges of circles or other radius work. Wire or cord is fastened through hole in handle.

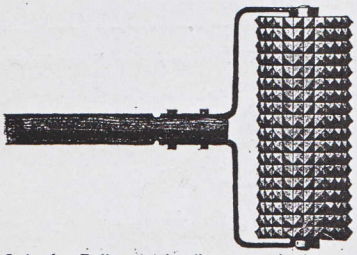
	Brass	Iron
Price, each.....	$1.50	$1.20

Center Knives.



No. 40, Grooved Roller, 3½ in. diameter, 7 in. long, has shallow grooves 5/16 in. wide.

Brass Iron
Price, each .....



No. 41, Indenting Roller, 3½ in. diameter, 7 in. long, made to give an impression with square indentations, ½ in. centers.

Brass Iron
Price, each .....
No. 42, 4½ in. diameter, 12 in. long, ⅝ in. centers

Brass Iron
Price, each .....

Sidewalk Rollers.

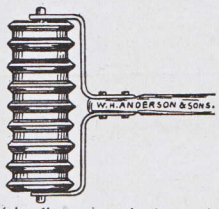


Illustration of Nos. 43 and 44

No. 43, 4½ in. diameter, 12 in. long, will make V grooves about 1½ in. centers.

Brass Iron
Price, each .....
No. 44, 4¼ in. diameter, 12 in. long, will make V grooves about 3 in. centers.

Brass Iron
Price, each .....

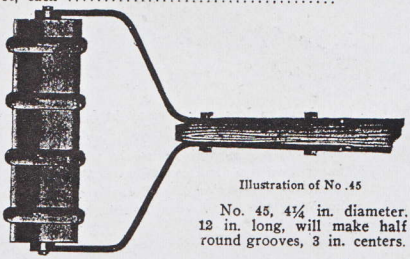
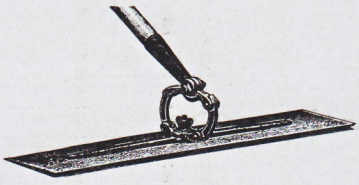


Illustration of No .45

No. 45, 4¼ in. diameter. 12 in. long, will make half round grooves, 3 in. centers.

Brass Iron
Price, each .....

No. 1. 24-in "ABRAM" Double Action Finishing Trowel



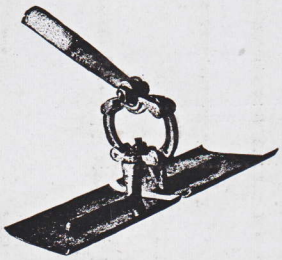
Blade is Silver Steel, 24 in. long by 5 is. wide.
Weight 5 pounds. Packed for shipment, 6 pounds.

$7.50

No. 4. 24-in. "ABRAM" Double Action Steel Float

The blade is 6 in. wide by 24 in. long, Cold Rolled Steel 1-8 in. thick, beveled face. Excels all other Floats. Sold with 6 foot handle. Weight 8 lbs. Packed for shipment, 9 lbs.

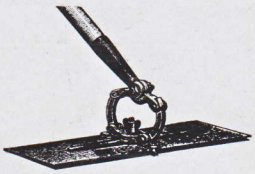
No. 14. "ABRAM" Divided Double Action Float.



This tool is designed to float both sides of the felt expansion joint at the same stroke.

The tool is made of cold pressed steel, 6 in. wide by 16 in. long, with ½ in. opening in the center (wider opening provided if desired), is furnished with the "ABRAM" double-action device and 6 ft. handle. Weight 7 lbs. Packed for shipment, 8 lbs.

No. 2. 16-in. "ABRAM" Double Action Jointer

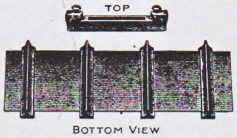


Blade is Silver Steel, 16 in. long by 5 in. wide.

The Joint is Hardest Nickeled metal, is a "slip on" attachment and any number may be used on the same tool for grooving driveways and crossings, or none at all, making a 16-in. Trowel.

Weight 5 pounds. Packed for shipment, 6 pounds.

"ABRAM" Double Action Groover



This cut shows our No. 2 Jointer equipped as a four line groover by adding three extra No. 43 joint attachments. The attachments cost 90c each. See list of parts on page 10.

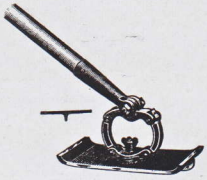
Attachments made either V-shaped or Half-Round.

No. 20. 10-in. "ABRAM" Double Action Jointer

Size 10 in. long by 3¼ in. wide. Cuts groove ⅞ in. deep by ⅝ in. wide at surface. 6-foot handle. Weight 5 lbs. Packed for shipment, 6 lbs.

No. 20. Nickeled Iron, $5.00.
No. 20B. Hard Bronze, $6.00.

No. 25. "ABRAM" Double Action Floor Beader



Length 10 inches, width 3¼ inches.

Cuts thin and shallow bead for marking or blocking out floors.

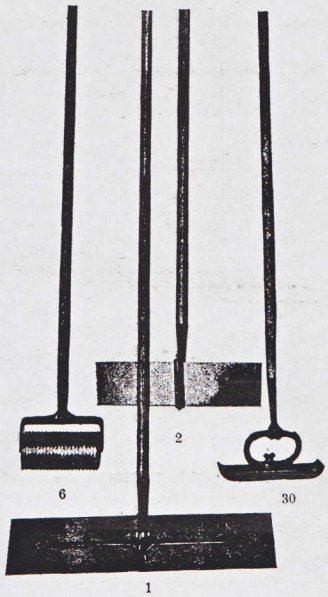
Nickeled Iron.....
Hard Bronze.....

Combination No. 51

1 No. 1 24″ Finishing Trowel....
1 No. 2 15″ Jointer.....
1 No. 30 3½″x10″ Edger.....
1 No. 9 or No. 10 Roller.....

Combination Price -

Set weighs 20 lbs. Packed for shipment, 25 lbs.

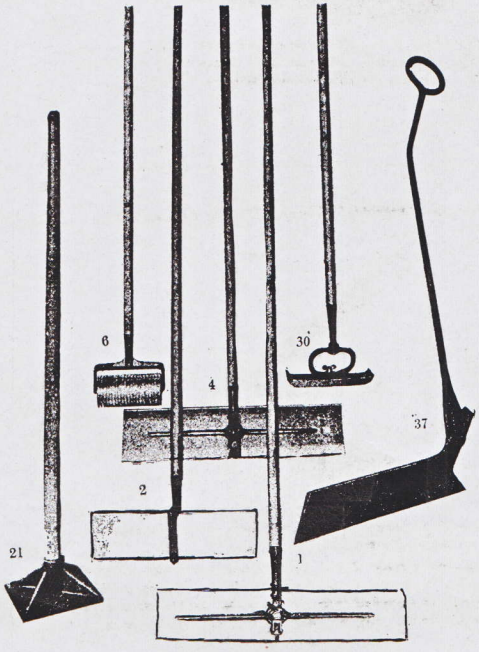


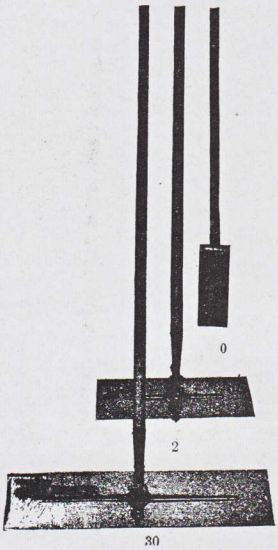
Combination No. 49

1 No. 1 24″ Finishing Trowel.....
1 No. 4 24″ Float.....
1 No. 2 16″ Jointer.....
1 No. 30 10″x3½″ Edger.....
1 No. 6 or No. 7 Roller.....
1 No. 21 Tamper.....
1 No. 37 Grout Cutter.....

Combination Price -

Set weighs 60 lbs. Packed for shipment, 75 lbs.





Combination No. 52

Hundreds started with this one who now have the No. 49.

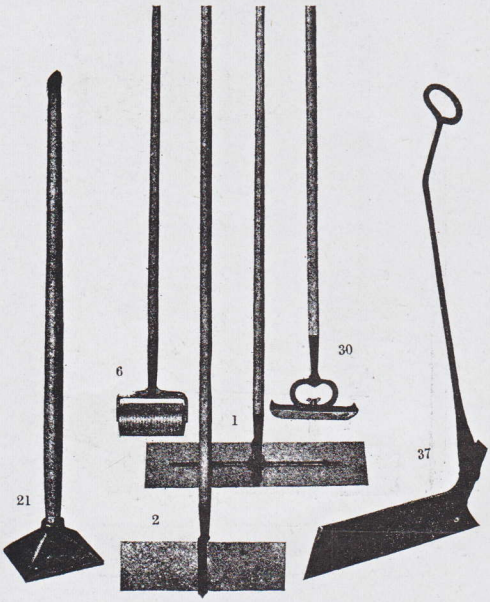
1 No. 1 24″ Finishing Trowel....

1 No. 2 15″ Jointer.....

1 No. 30 3½″x10″ Edger.....

Combination Price -

Set weighs 15 lbs.; packed for shipment, 20 lbs.



Combination No. 50

1 No. 1 24″ Finishing Trowel.....

1 No. 2 16″ Jointer.....

1 No. 30 10″x3¼″ Edger.....

1 No. 6 or No. 7 Roller.....

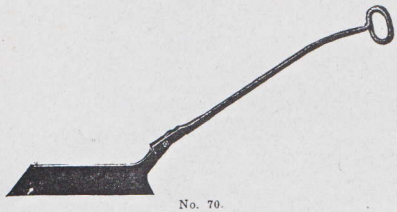
1 No. 21 Tamper.....

1 No. 37 Grout Cutter.....

Combination Price

Set weighs 52 lbs. Packed for shipment, 65 lbs.

Grout Cutter.



No. 70.

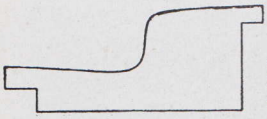
Blade 4½" wide, 20" long, price each.....
Can furnish all in one piece, same price.

Driveway Impression Frame.

This frame is made of iron casting with wrought iron handles. The frame is 15" x20", and makes 12 heavy V impressions 4¾x4¾" Price each.....

Frame, 6x 6"space, 18x24".....
Frame, 2½x2½" space .....

Gutter Templates.



We can furnish gutter, curb or other templates to order. Send sketch showing your requirements for prices.

Concrete Tamps.

No. 10, 3x6 in., weight 10 lbs. fitted with 4 ft. handles. Price per dozen .....

No. 14, 6 in. Square, weight about 14 lbs., fitted with 4 ft. handles. Price per doz.

No. 15, 8 in. Square, weight about 15 lbs., fitted with 4 ft. handles. Price per doz.

No. 20, 10 in. Square, weight about 20 lbs., fitted with 4 ft. handles. Price per doz.

No. 25, 10 in. Square, weight about 25 lbs., fitted with 4 ft. handles. Price per doz.

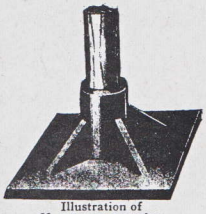


Illustration of Nos. 14, 15, 20 and 25

Two Man Tamp.

No. 55, 7½ in. Square, weight 55 lbs., with Iron Handle and arranged to be used by two men. A superior tool for tamping foundations. Price each .....

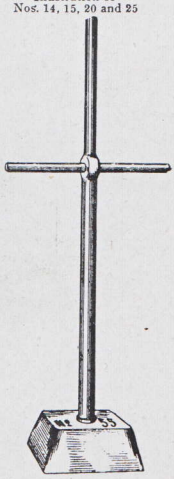


Illustration of No. 55

Frost Wedges.

Made of Hard Steel.

12" to 24"
12" Aver. weight 12 lbs. .....
14" Aver. weight 14 lbs. .....

Pin Anchors.

Pins cannot drop out.
We carry in stock the following sizes:

1 x3/16x12" ⅜" Pin....
1¼x3/16x15" ⅜" Pin....
1¼x3/16x18" ½" Pin.....
1¼x3/16x21" ½" Pin....
1¼x3/16x24" ½" Pin....
Larger sizes 10c lb.

Special price on large quantities

Wood Brick Hods.

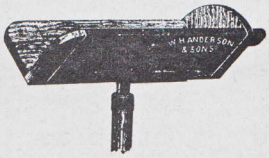


Fig. 70.

Well made seasoned pine lumber. Strongly ironed, price each .....

Wood Mortar Hods.

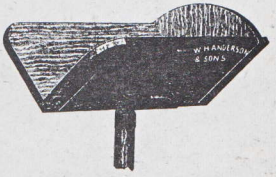


Fig. 71.

All joints rabbited and made water tight. Bound with band iron, price each .....

Bricklayers' Hammer.

Hand forged, best tool steel; weight about 2 lb. Price, handled .....

Bricklayers' Jointers.

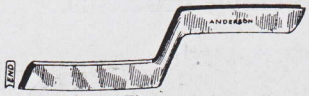


Fig. 72.

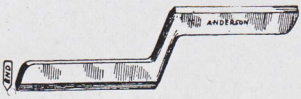


Fig. 74.

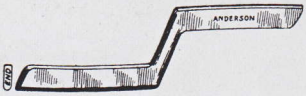


Fig. 73.

Beaded Jointers, Fig. 72, each.....
Round or Sharp, Figs. 73-74, each.....
Flat Jointers, same as Round.
Convex V Jointers, same as Beaded.

Straight Edges.

Made of best selected Pine, 1⅛ in. thick.
Regular sizes in stock as follows:

No. S 6.—6 ft. long, 6 in. wide, bound on edge with steel. Price, each .....

No. S. P. 6—6 ft. long, 6 in. wide, not bound. Price, each.

No. S. 8—8 ft. long, 7 in. wide, bound on edge with steel. Price, each .....

No. S. P. 8—8 ft. long, 7 in. wide, not bound. Price, each

No. S. 10—10 ft. long, 8 in. wide, bound on edge with steel. Price, each .....

No. S. P. 10—10 ft. long, 8 in. wide, not bound. Price, each .....

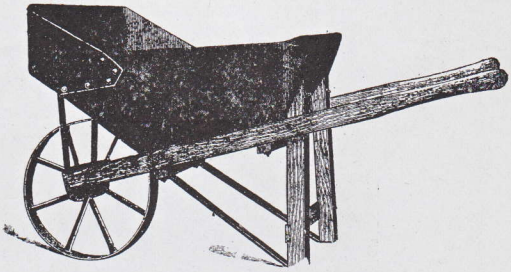
We can furnish longer straight edges or of any special design as ordered.

Wheel Barrow Sling Chain.

Two Rings go over handles, Hook attaches to wheel.
Price, each .....

Will lift the heaviest loaded wheel barrow with perfect safety.

The Anderson Mortar Barrow.

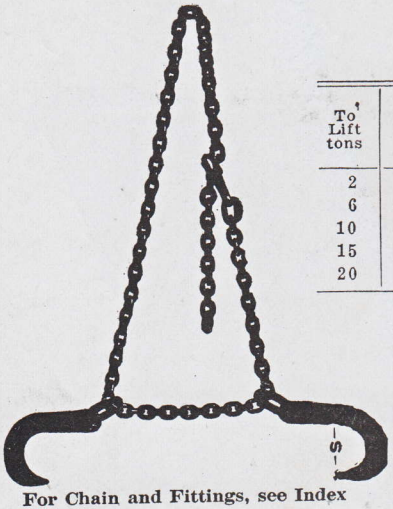


This barrow is made of selected material. The peculiar shape enables the load to be carried well over the wheel and prevents slopping at corners. One laborer with this barrow will deliver more mortar to bricklayers than three can do with hods. The barrow weighs 80 pounds and is only 59 in. long over all, enabling it to go on material elevators easily. Fitted with Anderson extra heavy steel wheel.

Price, each .....

If interested, write for special wheel barrow circular.

DERRICK FITTINGS



For Chain and Fittings, see Index

STONE GRAB HOOKS

To Lift tons	Size of Steel	Distance "S" inches	Length of Chain feet	Size of Chain inches	Price of 2 Hooks without Chain	Price of Hooks and Chain Complete
2	½ x 2½	7	10	½	$10.00	$15.50
6	1 x3	8	14	⅝	16.00	25.00
10	1 x4	10	16	¾	21.00	36.00
15	2 x4	10	18	⅞	29.50	49.00
20	2 x5	11	20	1	36.00	61.00

The steel in these hooks is of a special grade and is tough and uniform.

The chain is the finest grade of B. B. Crane Chain, with short links.

LEWISES

Capacity tons	Price Each
2	$ 5.00
3	6.00
5	7.50
7	11.00
10	16.00

BEAM CLAMPS

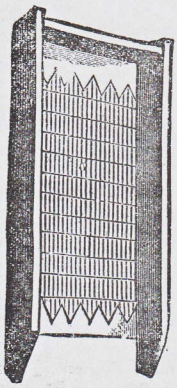
Capacity tons	Maximum Size of I Beam inches	Price Each
1	10	$10.00
2	15	12.00
3	20	15.00

STONE TONGS

Capacity lbs.	Price Each
1500	$ 8.00
2500	10.00
4000	12.00
6000	16.00

Furnish Heavier Lewises, Clamps and Stone Tongs to order. Prices on application

SAND SCREENS



No. 24 60 x 24 In., 4 Mesh...Each, **$5.00**

No. 25 60 x 24 In., 5 Mesh...Each, **5.00**

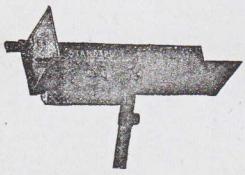
No. 14 72 x 28 In., 4 Mesh...Each. **6.00**

No. 15 72 x 28 In., 5 Mesh...Each, **6.00**

MORTAR HODS

No. 35 Length 24¾ In.; Height 13 In.; Weight 10 Lb. .....Per Doz., **$36.00**

BRICK HODS



No. 45 Length 21¾ In.; Height 9½ In.; Weight 7 Lb. .....Per Doz., **$28.00**

EXTRA HANDLES FOR HODS

Per Doz. **$2.00**

RAILROAD OR CLAY PICKS

STANDARD

Adze Eye, Cast Steel, Hammer Forged. Painted Body with Polished Points.

No.	Weight Pounds	Per Dozen
15	4 to 5	$13.00
15	5 to 6	14.00
15	6 to 7	15.00
15	7 to 8	16.00
15	6	14.50
15	7	15.50

Two Dozen in a Case

NORWEGIAN

Adze Eye, Hand Made, Extra Quality Crucible Steel, Special Temper, Natural Finish.

No.	Weight Pounds	Per Dozen
10	5 to 6	$14.00
10	6 to 7	15.00
10	7 to 8	16.00

One Dozen in a Case

TAMPING PICKS

Adze Eye, Cast Steel, Oil Finish

No.	Weight Pounds	Per Dozen
25	6 to 7	$18.00
25	7	18.00

Two Dozen in a Case

STONE PICKS

Cast Steel, Oil Finish

No. 30 Weight 7 to 8 Lb.....Per Doz., **$18.50**

Two Dozen in a Case

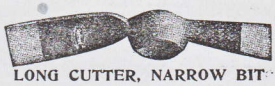
COAL PICKS

Oil Finish, Best Tool Steel Points

No.	Weight Pounds	Per Dozen
35	2	$8.50
35	2¼	8.50
35	2½	9.00
35	2¾	9.50
35	3	9.50

Loose Stock

MATTOCKS



LONG CUTTER, NARROW BIT

Adze Eye, Cast Steel, Painted Body with Polished Bits. Hoe 7½ x 2½ In., Cutter 5 x 2¼ In.

No. 52 Weight 5 Lb....Per Doz., **$16.00**

Two Dozen in a Case

MATTOCKS

SHORT CUTTER

Adze Eye, Cast Steel, Painted Body with Polished Bits.

No.	Weight Pounds	Hoe Inches	Cutter Inches	Per Dozen
50	5	8 x 3¾	4½ x 3¼	$16.00
50	5½	8 x 4	4½ x 3½	16.50

Two Dozen in a Case

LONG CUTTER

Adze Eye, Cast Steel, Painted Body with Polished Bits.

No.	Weight Pounds	Hoe Inches	Cutter Inches	Per Dozen
51	5	8 x 3¾	5½ x 3¼	$16.00
51	6	8 x 4	6 x 3½	17.00

Two Dozen in a Case

NURSERY

Adze Eye, Cast Steel, Painted Body with Polished Bits.

No. 54 3 Lb., 17½ In. Long.....Per Doz., **$17.00**

Two Dozen in a Case

PICK

Adze Eye, Cast Steel, Painted Body with Polished Bit and Point.

No.	Weight Pounds	Hoe Inches	Pick Inches	Per Dozen
53	6	8 x 4	7½	$17.00

Two Dozen in a Case

GRUB HOES

Oval, Adze Eye, Cast Steel, Painted Body with Polished Bit.

No. 60 Weight 4 Lb., 11 x 4 In.....Per Doz., **$13.50**

Two Dozen in a Case

MINING OR POLE PICKS

Oil Finish

No.	Weight Pounds	Length Inches	Per Dozen
12	3½	14½	$15.00
12	4	15	16.00
12	4½	15½	17.00
12	5	16	18.50
12	6	17	20.00

Two Dozen in a Case

SLEDGES

BLACKSMITHS'

Fig. 5401. Cross Pein

5 lbs. and over	per lb.	$0.30
3 to 5 lbs.	"	.40
Under 3 lbs.	"	.50

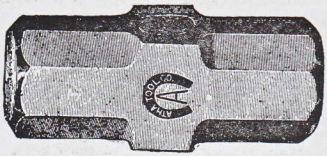


Fig. 5402. Double Face

5 lbs. and over	per lb.	$0.30
3 to 5 lbs.	"	.40
Under 3 lbs.	"	.50

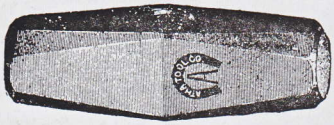


Fig. 5403. Double Face Striking Hammers

5 lbs. and over	per lb.	$0.30
3 to 5 lbs.	"	.40
Under 3 lbs.	"	.50

Fig. 5404. Stone Sledge Hammers

5 lbs. and over	per lb.	$0.30
3 to 5 lbs.	"	.40
Under 3 lbs.	"	.50

Fig. 5405. Coal Sledges

5 lbs. and over	per lb.	$0.30
3 to 5 lbs.	"	.40

HAMMERS

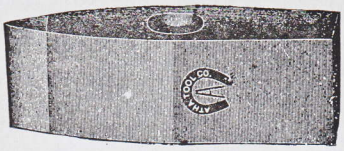


Fig. 5406. Single Face Mason Hammers

5 lbs. and over	per lb.	$0.50
3 to 5 lbs.	"	.55
Under 3 lbs.	"	.60

Double Face, same price as Single Face

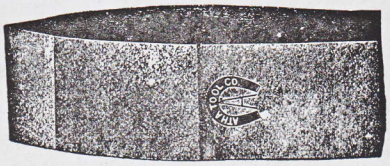


Fig. 5407. Spalling Hammers

5 lbs. and over	per lb.	$0.40
3 to 5 lbs.	"	.55
Under 3 lbs.	"	.60

Double Face, same price as Single Face

Fig. 5408. Stone Cutters' or Hand-Drilling Hammers

5 lbs and over	per lb.	$0.40
3 to 5 lbs.	"	.50
Under 3 lbs.	"	.55

MAULS

Fig. 5409. Ship

4 to 8 lbs. ..... per lb. $0.42

Fig. 5410. R. R. Spike

5 lbs. to 12 lbs. ..... per lb. $0.30

BENCH OR BROAD HATCHETS

Forged Steel, Hickory Handles, Gold Bronzed, Plain Eye, Square Poll, Plain Face, Polished Head and Bit.

No.	**962**	**963**	**964**
Size	2	3	4
Cut, In.	4½	5	5½
Per Doz.	**$23.00**	**26.00**	**29.00**

Forged from High Grade Tool Steel, Selected Hickory Handles, Black Rustproof Finish, Plain Eye, Square Poll, Plain Face, Polished Head and Bit.

No.	**562**	**563**	**564**
Size	2	3	4
Cut, In.	4½	5	5½
Per Doz.	**$23.00**	**26.00**	**29.00**

Forged from High Grade Crucible Steel, Second Growth White Hickory Handles, Green Bronzed Plain Eye, Square Poll, Plain Face, Polished Head and Bit.

No.	**762**	**763**	**764**	**765**
Size	2	3	4	5
Cut, In.	4½	5	5½	6
Per Doz.	**$11.50**	**13.00**	**15.00**	**17.00**

Forged from Highest Grade Crucible Steel; Head and Bit Tempered Absolutely Perfect; Ground and Sharpened and Fully Guaranteed; Handles Are Selected All White Second Growth Hickory; Fire Bronzed; Plain Eye; Square Poll; Plain Face; Polished Head and Bit.

No.	**661**	**662**	**663**
Size	1	2	3
Cut, In.	4	4½	5
Per Doz.	**$21.00**	**23.00**	**26.00**
No.		**664**	**665**
Size		4	5
Cut, In.		5½	6
Per Doz.		**$29.00**	**33.00**

LATHING HATCHETS

Forged from High Grade Crucible Steel, Second Growth, White Hickory Handles. Green Bronzed; Plain Eye; Octagon Poll; Checkered Face; Polished Head and Bit.

No.	**741**	**742**
Size	1	2
Cut, In.	2½	2¾
Per Doz.	**$16.00**	**17.00**

Fire Bronzed; Plain Eye; Octagon Poll; Checkered Face; Polished Head and Polished Bit.

No.	**641**	**642**
Size	1	2
Cut, In.	2½	2¾
Per Doz.	**$20.00**	**21.00**

LATHING HATCHETS

No. 1292
New England Pattern

No. 1293
Chicago Pattern

Solid Crucible Steel, Full Polished. Checkered Head.

No.	**1292**	**1293**
Cut, In.	2⅛	2⅛
Points	64	81
Weight, Oz.	14	16
Per Doz.	**$32.00**	**33.00**

No. 85
New York Pattern

No. 95
New England Pattern

Crucible Steel, Full Polished Checkered Head, All White Second Growth Hickory Handles.

No.	**85**	**95**
Cut, In.	2¼	2⅛
Points	..	64
Weight, Oz.	14	14
Per Doz.	**$34.00**	**36.00**

No. 92
Boston Pattern

No. 93
Chicago Pattern

GENUINE UNDERHILL

Crucible Steel, Full Polished, Checkered Head; All White Second Growth Hickory Handles.

No.	**92**	**93**
Cut, In.	2	2
Points	64	81
Weight, Oz.	14	14
Per Doz.	**$36.00**	**39.00**

Forged from Highest Grade Crucible Cast Steel, Head and Bit Tempered Absolutely Perfect, Ground and Sharpened and Fully Guaranteed, Handles Are Selected All White Second Growth Hickory.

Fire Bronzed, Plain Eye, Square Poll, Polished Head and Bit.

No.	**631**	**632**	**633**
Size	1	2	3
Cut, In.	3½	3⅞	4⅜
Per Doz.	**$20.50**	**21.50**	**22.50**

CARPENTERS' ADZES

OHIO KING

Cast Steel, with Crucible Steel Bit, Aluminum Bronzed, Polished Head and Bit.

No. 10 Extra Full Weight, Width Cut, 3½, 4, 4¼ and 4½ In..Per Doz., **$38.00**

One Dozen in a Box

RAILROAD ADZES

LAKE CITY

Cast Steel, Black Finish

No. 15 Width Cut, 5 In. Per Doz., **$19.00**

One Dozen in a Box

SHIP CARPENTERS' ADZES

OHIO KING

Cast Steel, with Inlaid Crucible Steel Bit, Aluminum Bronzed, Polished Head and Bit.

No. 20 Plain, Width of Cut, 4½ In.... .....Per Doz., **$40.00**

One Dozen in a Box

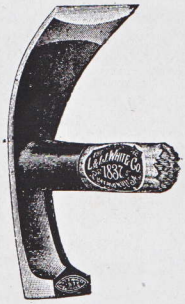
OHIO KING

Cast Steel, with Inlaid Crucible Steel Bit, Aluminum Bronzed, Polished Head and Bit.

No. 25 Lipped, Width of Cut, 5 In..... .....Per Doz., **$48.00**

One Dozen in a Box

COOPERS' ADZES



High Grade Cast Steel, Polished Head and Bit, Hickory Handle.

No. 80 Size, 1½, Weight, 3½ Lb., Cut, 3 In.....Per Doz., **$57.00**

Loose Stock

DARBIES

ALUMINUM

Polished Hard Rolled Aluminum, More Flexible Than Wooden Darby.

No. 2 With One Handle and 18 In. Rib, Size 3½ x 44 In.....Per Doz., **$36.00**

Sixth Dozen in a Box

WOOD

Has 18 In. Rib and One Handle

No. 3 Size 3½ x 44 In....Per Doz., **$7.50**

Half Dozen in a Box

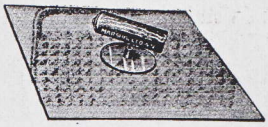
PLASTERERS' FLOATS

WOOD

Made of Selected Oak

No. 10 ⅞ x 4½ x 11½ In..... .....Per Doz., **$5.00**

PLASTERERS' HAWKS



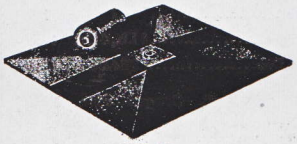
ALUMINUM

Hard Rolled Polished Aluminum, Detachable Handle, with 3¾ In. Flange, and ⅞ In. Hub.

No. 1 Size 13 x 13 In....Per Doz., **$33.00**

No. 2 Size 13½ x 13½ In..... ..... Per Doz., **34.00**

Quarter Dozen in a Box



CEDAR

First Quality Cedar, Dovetailed Cross Piece, Detachable Handle, Bolt Runs Clear Through.

No. 3 Size 13½ x 13½ In..... .....Per Doz., **$12.00**

Third Dozen in a Box

POD OR GROUND AUGERS

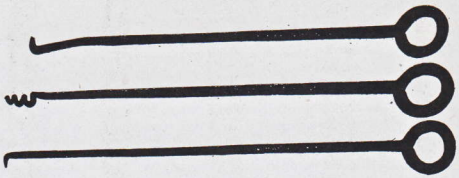
These augers will be found of great service in testing for tunnel work or boring from trench excavations into cellars for sewer, water or gas pipes. The dirt is carried in the tube and is easily removed when auger is taken from hole.

Handles can be furnished when so ordered, but augers are made so that standard iron pipe can be screwed on, making any desired length of handle. The following prices are without handles:

No.	Will bore holes.
740	1½ inch
741	2 "
742	2½ "
743	3 "
744	3½ "
745	4 "
746	5 "
747	6 "

Larger or special sizes made to order. Odd sizes take list of next larger sizes. Augers are made of steel for severe service.

PACKING HOOKS



These packing hooks are hand forged from tool steel, and are light and strong. Ready sellers to every engineer who sees them.

We regularly furnish these in sets of three tools, one of each style illustrated above, in the following sizes.

No.	Length
761	6 in.
762	9 "
763	12 "
764	15 "
765	18 "

No.	Length		
761w	6 in.	worms only,	
762w	9 "	"	"
763w	12 "	"	"
764w	15 "	"	"
765w	18 "	"	"

FIRING TOOLS

We manufacture firing tools of all sizes and make a specialty of supplying manufacturers of boilers and heating plants. The following are the regular sizes usually carried in stock.

No						
792	Furnace Size,	½	in	round	5	ft. long,
793	" "	⅝	"	"	6	" "
794	Boiler "	¾	"	"	6	" "
795	" "	¾	"	"	8	" "
796	" "	⅞	"	"	8	" "
797	" "	⅞	"	"	9	" "
798	Extra large	1	"	"	8	" "
799	" "	1	"	"	9	" "
800	" "	1	"	"	10	" "
801	" "	¾	"	Pipe	8	" "
802	" "	¾	"	"	9	" "
803	" "	¾	"	"	10	" "

STREET OR SHUT OFF KEYS

No. 806, As shown in cut, 6 ft, 3 in. long
No. 807, Without five-side socket, 6 ft 5 in. long

STAR DRILLS

PRICE PER DOZEN

Cut	12″	18″	24″	Cut	12″	18″	24″
¼	$ 8.50	$ 11.00	$ 13.50	1	$18.00	$22.50	$25.00
5/16	8.50	11.00	13.50	1⅛	24.00	28.00	32.00
⅜	8.50	11.00	13.50	1¼	30.00	35.00	40.00
7/16	9.00	11.50	14.00	1⅜	40.00	45.00	50.00
½	10.00	12.50	15.00	1½	50.00	56.00	62.00
9/16	12.00	15.00	17.50	1⅝	60.00	66.00	72.00
⅝	12.00	15.00	17.50	1¾	75.00	81.00	87.00
11/16	14.00	17.50	20.00	1⅞	90.00	97.00	104.00
¾	14.00	17.50	20.00	2	105.00	112.00	120.00
13/16	16.00	20.00	22.50	2¼	135.00	145.00	165.00
⅞	16.00	20.00	22.50	2½	165.00	175.00	195.00
15/16	18.00	22.50	25.00				

Stone and Marble Cutters' Tools

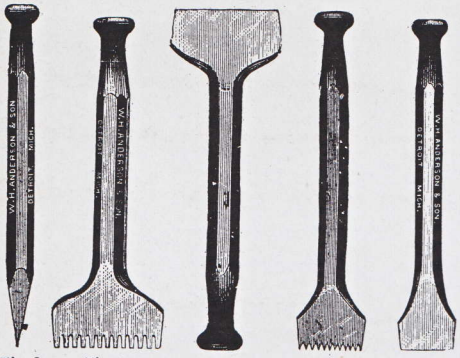


Fig. 2 Fig. 3 Fig. 4 Fig. 5 Fig. 6

Fig. 7

¼	inch Bar,		per doz.	No tools made wider than					½	inch.
5-16	"	"	"	"	"	"	"	"	⅝	"
⅜	"	"	"	"	"	"	"	"	1	"
7-16	"	"	"	"	"	"	"	"	1¼	"
½	"	"	"	"	"	"	"	"	1½	"
⅝	"	"	"	"	"	"	"	"	2½	"
¾	"	"	"	"	"	"	"	"	3¼	"

All tools made from Best Oct. Tool Steel and are 8 inches to 9 inches long..

When ordering state whether stone or marble tools are wanted.

Granite Cutters' Tools

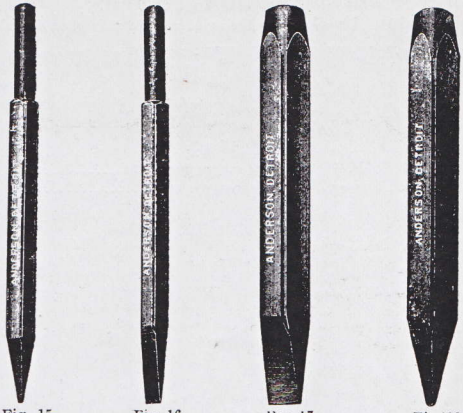


Fig. 15 Fig. 16 Fig. 17 Fig. 18

5/16 inch Bar, per dozen.....
⅜ " " " " .....
7/16 " " " " .....
½ " " " " .....
⅝ " " " " .....
¾, ⅞ and 1 inch quarter octagon granite tools, per lb.....

Unless otherwise specified we usually put in three points to each dozen tools.

Made from best quality quarter octagon Tool Steel in regular lengths, 8 to 9 inches long.

Pneumatic Heads

Swedged, 50 cents dozen extra.

If heads are turned instead of swedged to size, send sample or sketch for price.

Hammer Head Tools

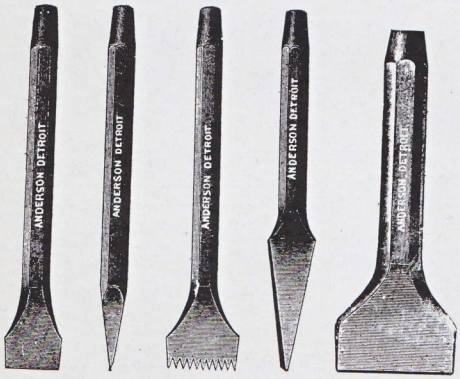


Fig. 8 Fig 9 Fig 10 Fig. 11 Fig. 12

½ inch Bar.....
⅝ " " .....
¾ " " .....

Pitching Tools

Fig. 13

½ inch Bar, with Blade not wider than 1½ inch, each.....
⅝ " " " " " " " 1¾ " " .....
¾ " " " " " " " 2 " " .....
⅞ " " " " " " " 2¼ " " .....
1 " " " " " " " 2½ " " .....

Nicking Tools

inch Bar, each .....

Toolers

Fig 14

4 inch Mallethead, each .....
5 " " " .....

Granite Drills

State size of bar and size of cut wanted when ordering.

Fig. 19

Fig. 20

Hand Drills, ¾" and larger, per pound.....
Pneu. Hammer, ¾" and larger, per pound.....

Wedges And Shims

Fig. 21

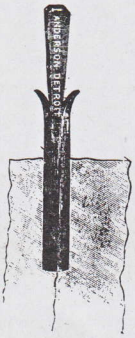


Fig. 22

Limestone Plugs, ¾" steel, per pound.....
Plugs and Feathers, ⅝ and ¾" Tool Steel Plugs & Iron Shims, per pound.....
Sandstone Shims, 3' and over, per pound.....

Granite Pean Hammers

Fig. 27

4 to 6 lb. Pean Hammers.....
7 " 10 " " " .....

Granite Hand Hammer

Fig. 28

Hand forged, ground and tempered and are well balanced.

Price per pound. .....

Stone Masons' Mash Hammer

Fig 23

Price per pound.....

Stone Masons' Hammer

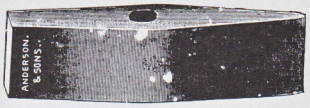


Fig. 24

Price per pound.....

Steel Stamps

Initial Stamps, per letter.....
Full Name Stamps, per letter.....

SPECIAL NOTICE. Cash must accompany all orders for stamps.

Stone Bush Hammer

Fig. 25

MACHINE CUT—BEST TOOL STEEL.

1½ inch Square Steel, each.....
1¾ " " " " .....
2 " " " " .....

When ordering give number teeth wanted in each end.

Mallets

Fig. 26

Best second growth hickory, price per pound.....

Granite Cutters' Bush Hammer

Fig 29

The Gibs, as shown are flush with the edge of the hammer. There are no projections to mar the stone when using the tool on mouldings or in corners, an advantage which will be readily seen and its value immediately recognized by all practical workmen.

The Gibs are made of the *best tool steel,* and tempered so that it is impossible for the cuts to wear into them. Neither can they wear against the bolts, but will always have a solid bearing.

The hammers are all accurately gauged, so that the parts are *interchangeable.*

A set of cuts, bolts and nuts will *fit any hammer* of the same size and opening, and no delay is caused or can be caused if by any reason they should become mixed up.

Extra cuts, gibs, etc., may be had of us at any time by sending the number stamped on each hammer, stating also the number of cuts wanted for each end.

The greatest advantage is that this hammer does not have to be sent off for refilling; it can be used until the new cuts arrive after ordering.

The Improved Bush Hammer is covered by letters patent. Each hammer is warranted.

PRICE LIST.

Size	Opening	Weight	Each End Filled with
1	1 inch	About 10½ lbs.	4 or 5 cuts .....
	15-16 inch	" 10 "	4, 5 or 6 cuts...
2	⅞ "	" 8½ "	6 or 8 cuts .....
3	13-16 "	" 7½ "	6 or 8 cuts.....
4	⅝, 11-16, ¾ inch	" 5 to 6½ lbs.	8, 10 or 12 cuts .....
*5	½, 9-16 "	" 3½ to 4 lbs.	8 to 12 cuts .....

*Size 5 is flush on three sides, same as Scotia Hammers.

New Cuts, both ends sharpened, ready for use.....
Steel Bolts, each 15c.....per set,

Tooth Axes

Fig. 32

Best Tool Steel, price per pound.....

Crandles

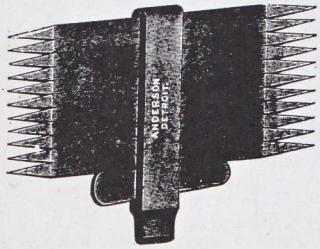


Fig. 33

No. 1 (approximate weight 8½ pounds), each.....
No. 2 " " 11½ " " .....
Extra set teeth for No. 1 or 2, each.....
No. 1 contains 11 teeth ⅜-inch square tool steel.
" 2 " 7 " ½ " " " "

Granite Cutters' Scotia Hammers

Fig. 30

The Scotia hammer is of the same style as the improved Bush Hammer, and possessing all its great advantages for the work for which it was designed.

The cuts on the Scotia are made flaring, so as to get into corners easily.

Opening, ⅜ to 7/16 inch, both ends; any number of cuts to 8 on each end; weight about 3½ pounds, each....
Small Scotia, same size opening; weight 2 pounds, each..
Extra cuts, both ends sharpened ready for use.....
Counter-sunk bolts, each.....
Counter-sunk bolts, per set.....

Granite Bush Chisels

Fig. 31

9/16, 5/8 or 11/16 inch Opening, each .....
3/8, 7/16 or 1/2 " " " .....
1/4 or 5/16 " " " .....
Extra cuts, per set.....
Extra bolts.....

Setting Bars

Fig. 34

Fig. 35

Made of best quality octagon tool steel regular lengths 26 inches.
⅝ inch Bar.....
¾ " " .....

Stone Lewis

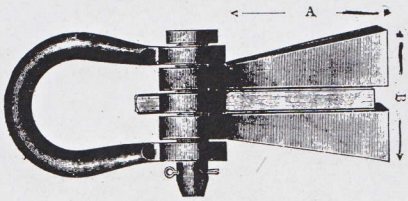


Fig. 36

Length At A	Width At B	Thickness
4 inch	2½ to 3	9/16 to ⅝.....
4½ "	2¾ to 3½	9/16 to ⅝.....
5 "	3" to 4"	⅝ to ⅞.....
5½ "	3¼ to 4½	⅝ to ⅞.....
6 "	3½ to 4½	¾ to 1 .....
8 "	4" to 6"	¾ to 1 .....

Quarry Picks

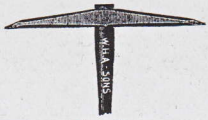


Fig. 37

Axe Weight 7 to 8 lbs. with Handles, per dozen.....

Quarry Sledge

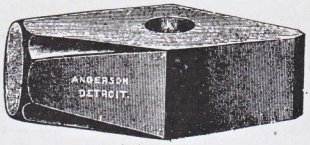


Fig. 38

Price per pound.....

Spaulding Hammer

Double Faced

Fig. 39

Special high grade for field stone, price per pound.....

Brass Bevel Shift Stock

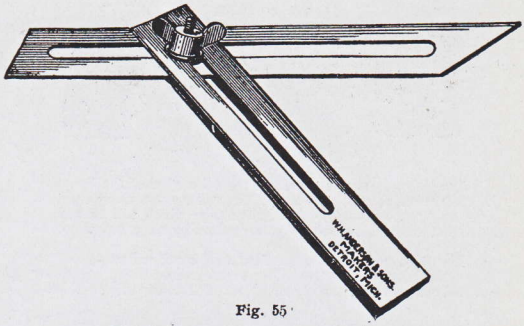


Fig. 55

Made of Hard Brass and Finely Polished.

Price, each.....

Winding Blocks

Fig. 56

These are accurately made and finished to uniform height.

No. 1, height 1⅞ inches, per set.....

No. 2, " 2⅝ " " " .....

Carving Files and Rifflers

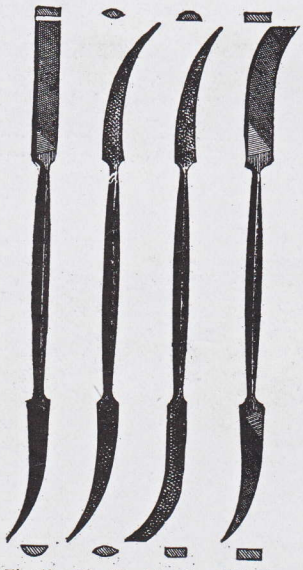


Fig. 49 Fig. 50 Fig. 51 Fig. 52

Carving Files and Rifflers

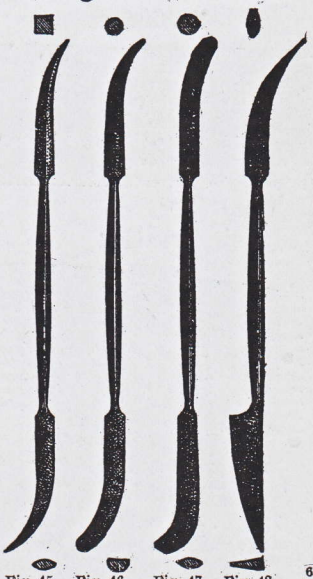


Fig. 45 Fig. 46 Fig. 47 Fig. 48

Imported Files, per set of six. 6 inch. 8 " 10 "

Marble Files

Fig. 57

Fig. 58

14 inch Half Round, coarse cut, each.....
16 " " " " " " .....
14 " Flat " " " " .....
16 " " " " " " .....

Frosting Tools

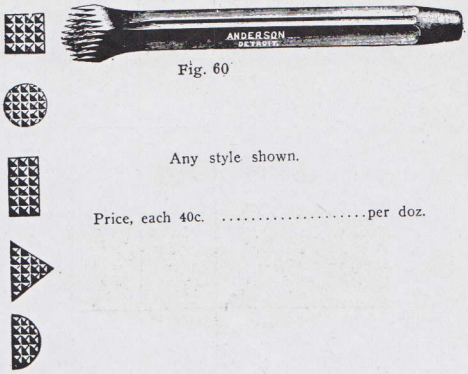


Fig. 60

Any style shown.

Price, each 40c. .....per doz.

Camwood

Price per dozen sticks.....

Hand Sand Rubber

Fig. 61

12x20 inch, weight 35 pounds, price each.....

Stone Cutters' Red Chalk

Price per dozen.....

Bow Drills

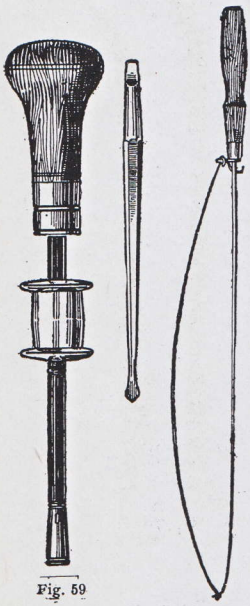


Fig. 59

Bow Drill Stocks, steel spindle, brass trimmings, each.....

Bow Drill Stocks, steel spindle, brass trimmings, full nickeled, each .....

Drill Bitts, round shanks, assorted sizes per dozen.....

Square Shanks, assorted sized sizes, per dozen

Drill Bows, steel spring temper, best quality, each .....

Bow Strings, steel, wire-bound, gut strings, each .....

Pin Lewis

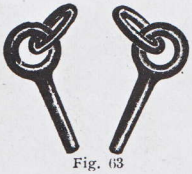


Fig. 63

1" Pins, per pair.....
1¼" " " " .....

Goggles

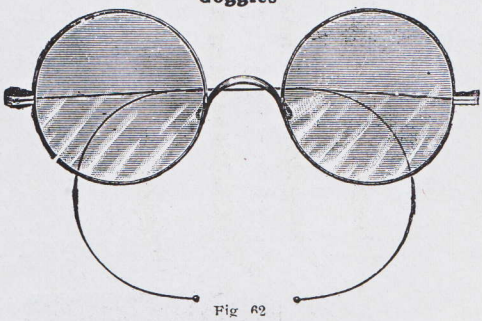


Fig 62

Large Clear Glass 1¾" Dia., Strong Frames, per pair....